

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1.-8. (cancelled)

9. (currently amended) A surgical method of bone surgery for surgical procedures for implantation on an edentulous ridge, characterized in that it provides a surgical treatment on bone tissue by means of a tip set in vibration at a frequency in the ultrasound range, wherein the vibration of the tip is modulated with low frequency pulses, further characterized in that it comprises the following steps:

- horizontal crestal incision on an edentulous ridge, by means of a first chisel tip having vibration modulated with low frequency pulses, operated by ultrasound, that performs an extremely precise and fine incision,

- widening of said incision, by means of a second chisel tip, operated by ultrasound, to separate the vestibular cortical bone wall from palatal one,

- creation of at least one implant site on the bottom of the widened horizontal crestal incision, by means of an osteotome tip operated by ultrasound,

- positioning of implants in the implant sites respectively,

- measuring of a thickness of the edentulous ridge, prior to positioning the implants in the implant sites, using a periodontal probe.

10.-16. (cancelled)

17. (cancelled)

18. (currently amended) A surgical method of bone surgery for surgical procedures for implantation on an edentulous ridge, characterized in that it provides a surgical treatment on bone tissue by means of a tip set in vibration at a frequency in the ultrasound range, wherein the vibration of the tip is modulated with low frequency pulses, further characterized in that it comprises the following steps:

- horizontal crestal incision on an edentulous ridge, by means of a first chisel tip having vibration modulated with low frequency pulses, operated by ultrasound, that performs an extremely precise and fine

incision,

- widening of said incision, by means of a second chisel tip, operated by ultrasound, to separate the vestibular cortical bone wall from palatal one,
- creation of at least one implant site on the bottom of the widened horizontal crestal incision, by means of an osteotome tip operated by ultrasound,
- positioning of implants in the implant sites respectively,
wherein the horizontal incision includes a mesial releasing incision and a distal releasing incision.

19. (previously presented) A surgical method according to claim 9, wherein the first chisel tip has a thin tip.

20. (cancelled)

21. (previously presented) A surgical method according to claim 9, wherein the second chisel tip has a wide tip.

22. (cancelled)

23. (cancelled)

24. (currently amended) A surgical method of bone surgery for surgical procedures for implantation on an edentulous ridge, characterized in that it provides a surgical treatment on bone tissue by means of a tip set in vibration at a frequency in the ultrasound range, wherein the vibration of the tip is modulated with low frequency pulses, further characterized in that it comprises the following steps:

- horizontal crestal incision on an edentulous ridge, by means of a first chisel tip having vibration modulated with low frequency pulses, operated by ultrasound, that performs an extremely precise and fine incision,
- widening of said incision, by means of a second chisel tip, operated by ultrasound, to separate the vestibular cortical bone wall from palatal one,
- creation of at least one implant site on the bottom of the widened horizontal crestal incision, by means of an osteotome tip operated by ultrasound,

- positioning of implants in the implant sites respectively,
- measuring of a thickness of the edentulous ridge, prior to positioning the implants in the implant sites, using a periodontal probe,
- measuring of the thickness of the edentulous ridge, after positioning the implants in the implant sites using the periodontal probe.